

101 717370

CO/C/CC



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent No. 7,033,437 B2 )  
MEARS ET AL. )  
Issued: APRIL 25, 2006 )  
For: METHOD FOR MAKING SEMICONDUCTOR )  
DEVICE INCLUDING BAND- )  
ENGINEERED SUPERLATTICE )

**Certificate**  
AUG 03 2006  
**of Correction**

REQUEST FOR CERTIFICATE OF CORRECTION OF  
APPLICANT'S MISTAKE UNDER RULE 1.323

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of Rule 1.323 of the Rules of Practice, the Patent Office is respectfully requested to correct matters in the above-identified patent in accordance with the Certificate of Correction Form PTG1050 attached hereto.

The Patent Office is requested to issue a Certificate of Correction on the above-referenced Patent Document, and to place such a Certificate of Correction in the file, so that such will appear on any copies of the patent which are ordered in the future.

The corrections being made are of consequence to provide the proper recitation on the cover page, in the drawings and specification. Several of the mistakes occurred in good faith and are not the fault of the Patent and Trademark Office. However, two printing errors of the Patent Office are also being corrected. No new matter is added by these corrections.

08/01/2006 YPOLITE1 00000108 7033437

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100.00 OP

AUG 3 2006

In re Patent of  
**MEARS ET AL.**  
Patent No. **7,033,437 B2**  
Issued: **APRIL 25 2006**

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Authorization is given to charge the requisite fee as set forth in 37 CFR § 1.20(a) in the amount of \$100.00 to the credit card listed on the attached credit card payment form PTØ 2038. The Commissioner is authorized to charge or credit any discrepancies in fee amounts to Deposit Account 010484.

Respectfully submitted,

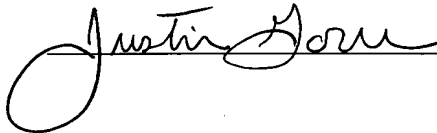


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CHRISTOPHER F. REGAN  
Reg. No. 34,906  
Allen, Dyer, Doppelt, Milbrath  
& Gilchrist, P.A.  
255 S. Orange Ave., Suite 1401  
P. O. Box 3791  
Orlando, Florida 32802  
(407) 841-2330

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, on this 26<sup>th</sup> day of July, 2006.

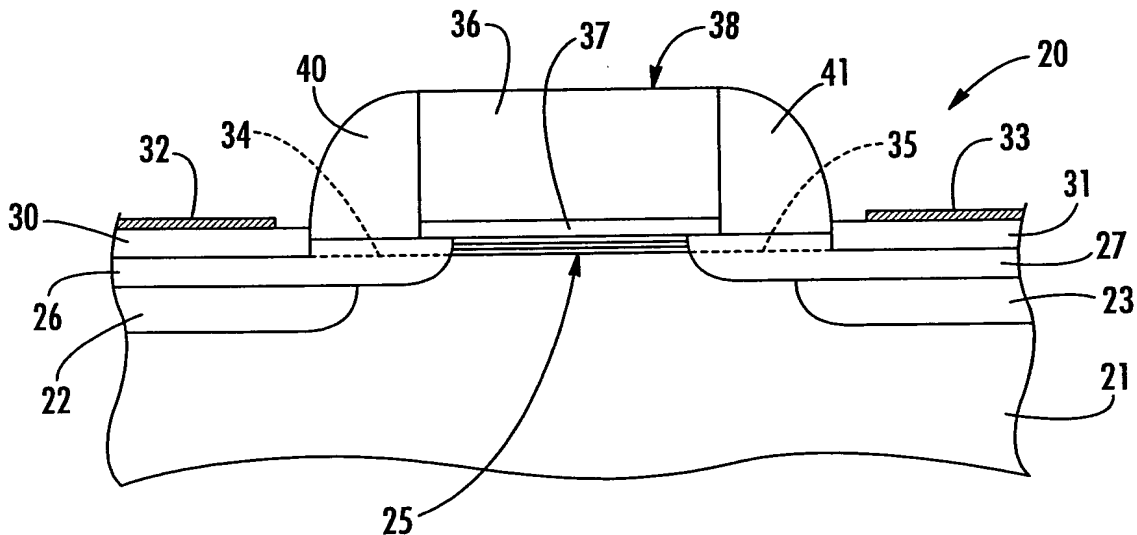


APR 2 2006

## CERTIFICATE OF CORRECTION

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below

Delete: FIG. 1  
Insert: New FIG. 1

PATENT NO. 7,033,437 B2

Page 1 of 4

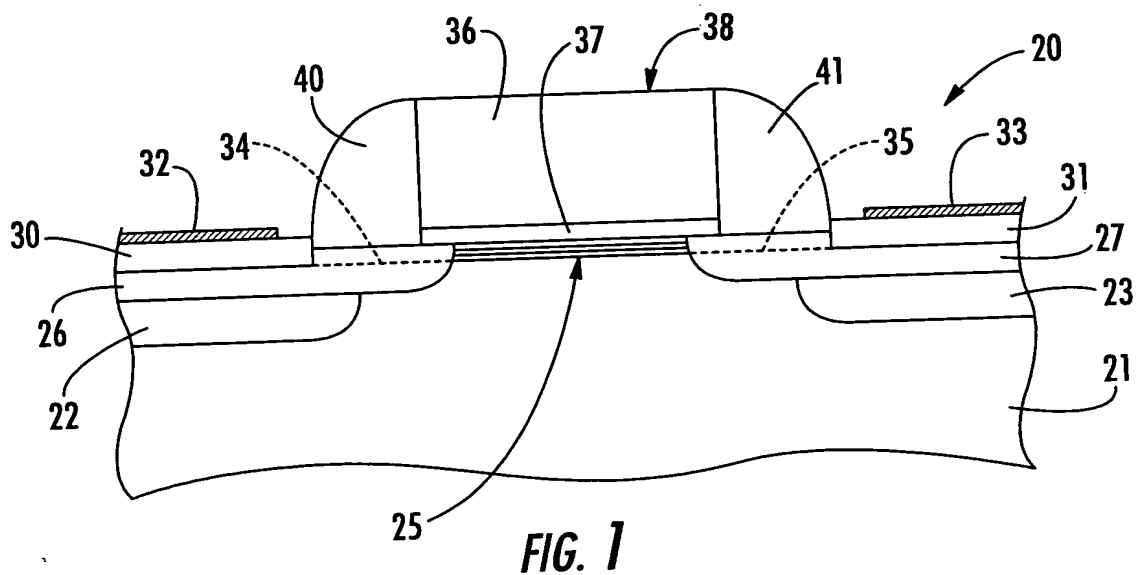
1992 2 2005

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO.	:	7,033,437 B2
DATED	:	April 25, 2006
INVENTOR(S)	:	Robert J. Mears, Jean Augustin Chan Sow Fook Yiptong, Marek Hytha, Scott A. Kreps, Ilija Dukovski

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below

In the Drawings	Delete: FIG. 1
	Insert: New FIG. 1



MAILING ADDRESS OF SENDER:  
Christopher F. Regan  
Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A.  
255 S. Orange Avenue - Suite 1401  
P.O. Box 3791  
Orlando, FL 32802-3791  
PHONE : (407) 841-2330

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It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below	
Column 2, Line 2	Delete: "in a silicon" Insert: --in silicon--
Column 2, Line 3	Delete: "electromuminescence" Insert: --electroluminescence--
Column 2, Line 62	Delete: "superlattice and has" Insert: --superlattice has--
Column 4, Line 35	Delete: $M_{h,i,j}^{-1}(E_F, T) = \frac{- \sum_{E > E_F \text{ B.Z.}} \int (\nabla_{\mathbf{k}} E(\mathbf{k}, n))_i (\nabla_{\mathbf{k}} E(\mathbf{k}, n))_j \frac{\partial f(E(\mathbf{k}, n), E_F, T)}{\partial E} d^3 \mathbf{k}}{\sum_{E > E_F \text{ B.Z.}} \int (1 - f(E(\mathbf{k}, n), E_F, T)) d^3 \mathbf{k}}$ Insert: $M_{h,i,j}^{-1}(E_F, T) = \frac{- \sum_{E < E_F \text{ B.Z.}} \int (\nabla_{\mathbf{k}} E(\mathbf{k}, n))_i (\nabla_{\mathbf{k}} E(\mathbf{k}, n))_j \frac{\partial f(E(\mathbf{k}, n), E_F, T)}{\partial E} d^3 \mathbf{k}}{\sum_{E < E_F \text{ B.Z.}} \int (1 - f(E(\mathbf{k}, n), E_F, T)) d^3 \mathbf{k}}$

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Column 5, Line 18	Delete: "gate 35" Insert: --gate 38--
Column 5, Line 67	Delete: "gate 35" Insert: --gate 38--
Column 8, Line 4	Delete: "from the both" Insert: --from both--
Column 9, Line 67	Delete: "also formed" Insert: --also be formed--

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